



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# normal mouse IgG<sub>2a</sub>-PE: sc-2867

## BACKGROUND

Santa Cruz Biotechnology offers a wide variety of control immunoglobulin and control sera for a large selection of species, including mouse, rabbit, goat, chicken, rat, hamster, canine, guinea pig and sheep. Control immunoglobulin and immunoglobulin conjugates are useful negative controls. Normal sera is offered to be used as blocking reagents. Santa Cruz Biotechnology offers affinity purified normal immunoglobulins and immunoglobulin conjugates for use as negative controls in applications including flow cytometry, immunohistochemistry, immunofluorescence, Western Blotting and immunoprecipitation. Agarose (AC) conjugated IgGs are provided for immunoprecipitation; horseradish peroxidase (HRP) conjugates are provided for Western Blotting and immunohistochemistry; and Biotin (B) conjugates are provided for immunohistochemistry. A broad range of fluorescent conjugated controls are also available for use in flow cytometry and immunofluorescence applications. Most control immunoglobulins are available as unconjugated controls or as FITC (fluorescein isothiocyanate), PE (phycoerythrin), PE-Cy5 (phycoerythrin-Cy5), PE-Cy7 (phycoerythrin-Cy7), APC (allophycocyanin) and APC-Cy7 (allophycocyanin-Cy7) conjugates. Additional conjugates include Alexa Fluor<sup>®</sup> 488, Alexa Fluor<sup>®</sup> 647, Alexa Fluor<sup>®</sup> 405, PerCP (peridinin chlorophyll protein complex) and PerCP-Cy5.5 (peridinin chlorophyll protein complex-Cy 5.5). Isotype specific control immunoglobulins include classes such as mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub>, IgM and IgA, rat IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub> and IgM, Armenian hamster IgG, and both goat and rabbit IgG.

## SOURCE

normal mouse IgG<sub>2a</sub>-PE is an affinity purified, PE (phycoerythrin) conjugated isotype control immunoglobulin from mouse.

## PRODUCT

Each vial contains 200 µg mouse IgG<sub>2a</sub> in 1.0 ml PBS containing 1% stabilizer protein and 0.02% sodium azide.

## APPLICATIONS

normal mouse IgG<sub>2a</sub>-PE is recommended for use as an isotype control immunoglobulin in place of a target specific primary antibody of the same isotype (mouse IgG<sub>2a</sub>) by immunofluorescence, immunohistochemical staining (including paraffin-embedded sections) and flow cytometry. To be used at an assay dependent dilution.

## STORAGE

Store at 4° C, **\*\*DO NOT FREEZE\*\***. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

## PROTOCOLS

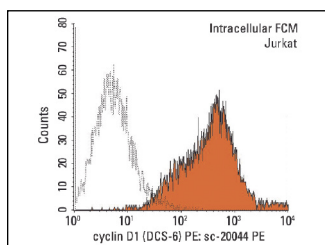
See our web site at [www.scbt.com](http://www.scbt.com) for detailed protocols and support products.

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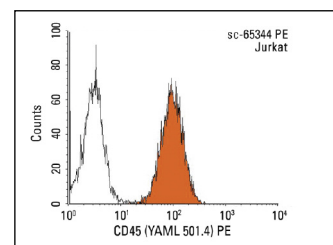
## RECOMMENDED SUPPORT PRODUCTS

- CrystalCruz<sup>™</sup> Cover Glasses, 22 x 50 mm: sc-24975
- PBS, powder: sc-24947
- Formaldehyde: sc-203049
- Hydrogen Peroxide: sc-203336
- Organo/Limonene Mount: sc-45087
- UltraCruz<sup>®</sup> Mounting Medium: sc-24941
- ImmunoHistoMount: sc-45086
- Immuno In Situ Mount: sc-45088
- Xylenes: sc-237422
- Hematoxylin: sc-24973
- FCM Lysing solution: sc-3621
- FCM Fixation Buffer: sc-3622
- FCM Permeabilization Buffer: sc-3623
- FCM Wash Buffer: sc-3624
- Intracellular FCM System: sc-45063

## DATA



cyclin D1 (DCS-6) PE: sc-20044 PE. Intracellular FCM analysis of fixed and permeabilized Jurkat cells. Black line histogram represents the isotype control, normal mouse IgG<sub>2a</sub>-PE: sc-2867.



CD45 (YAML 501.4) PE: sc-65344 PE. FCM analysis of Jurkat cells. Black line histogram represents the isotype control, normal mouse IgG<sub>2a</sub>-PE: sc-2867.

## SELECT PRODUCT CITATIONS

- Pawlik, A., et al. 2012. Phenethyl isothiocyanate-induced cytoskeletal changes and cell death in lung cancer cells. *Food Chem. Toxicol.* 50: 3577-3594.
- Siclari, V.A., et al. 2013. Mesenchymal progenitors residing close to the bone surface are functionally distinct from those in the central bone marrow. *Bone.* 53: 575-586.
- Pawlik, A., et al. 2016. Cytoskeletal reorganization and cell death in mitoxantrone-treated lung cancer cells. *Acta Histochem.* 118: 784-796.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.